



Stony Brook University

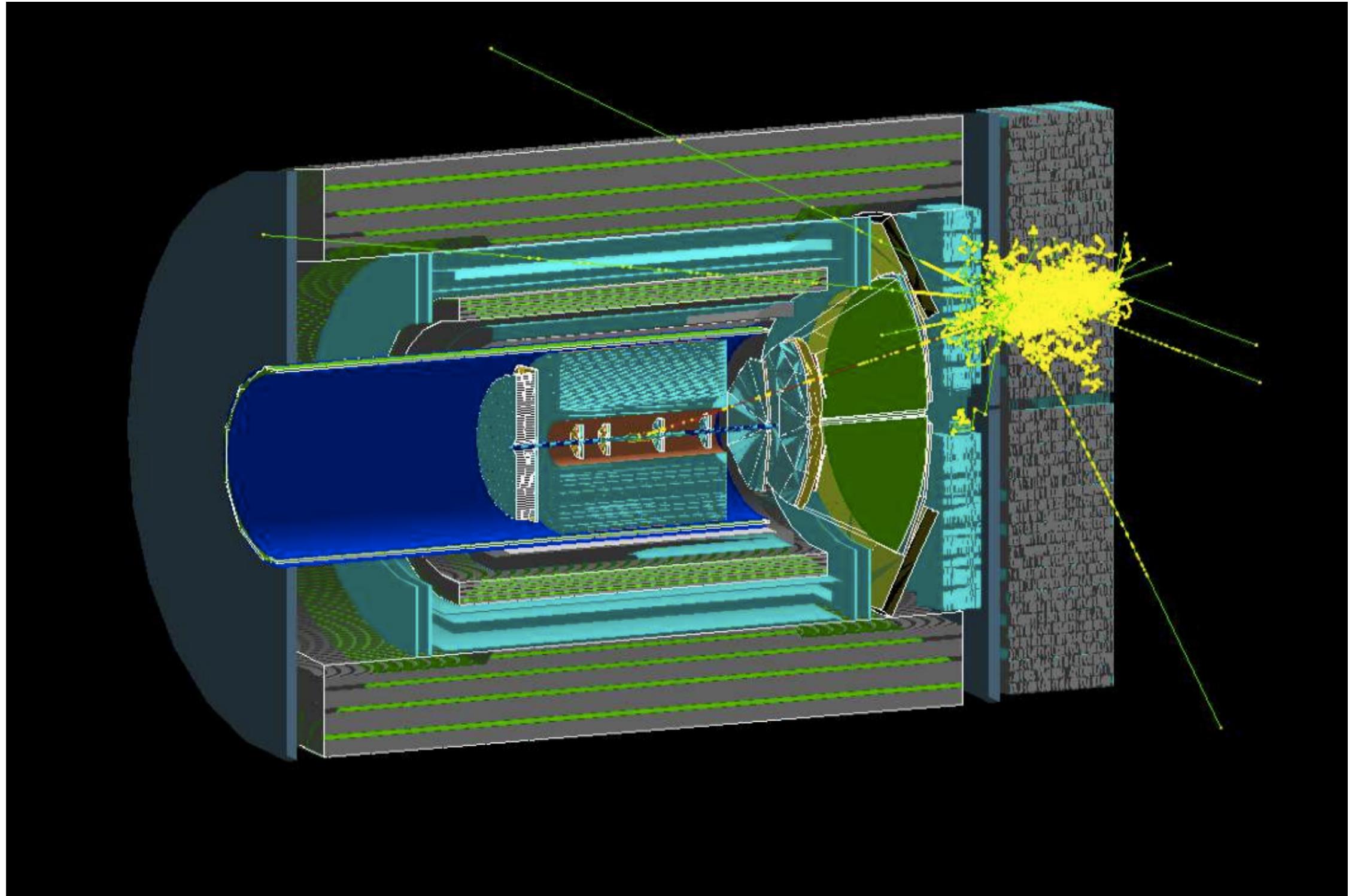
# Updated EIC Detector Geometry in sPHENIX Repository

Nils Feege, Jin Huang

Joint EIC detector / fsPHENIX Simulation Meeting

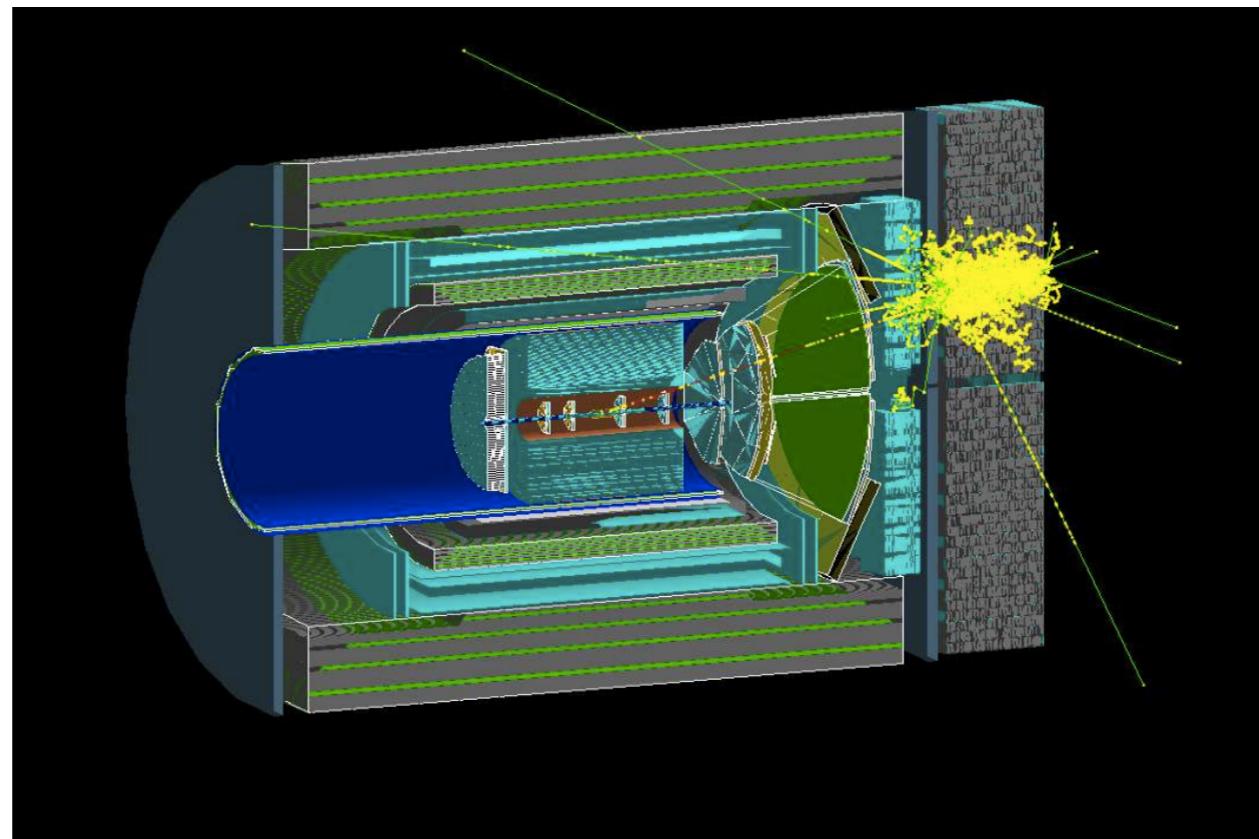
August 9, 2016

# Updated EIC Detector Geometry



# Updated EIC Detector Geometry

EEMC  
 $\eta$  -4.7 to -1.38



DIRC  
 $\eta$  -1.38 to 1.15

Aerogel  
 $\eta$  1.1 to 1.9

RICH  
 $\eta$  1.45 to 5

FEMC  
PHENIX MPC + PbSc  
(same as fsPHENIX)

- Current pull request:

<https://github.com/sPHENIX-Collaboration/macros/pull/34>

- Tutorial Wiki page coming soon- until then simply use

[https://wiki.bnl.gov/sPHENIX/index.php/Tutorial/  
fsPHENIX\\_simulation](https://wiki.bnl.gov/sPHENIX/index.php/Tutorial/fsPHENIX_simulation)

and replace Fun4All\_G4\_fsPHENIX.C with  
Fun4All\_G4\_EICDetector.C